



CERTIFICATE OF MAILING

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Date of Deposit

Jonathan M. Blanchard, Ph.D.

Name of Applicant, Assignee or
Registered Representative

Signature

1/9/04

Date of Signature

Our Case No.: 10322-62

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel Therriault et al.

Serial No.: 10/673,083

Filing Date: September 26, 2003

For: MICROCAPILLARY NETWORKS

Examiner: pending

Group Art Unit No.: pending

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Disclosure Documents
Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on the attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed references A1-A27 as required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read 'J. Blanchard', is written over a horizontal line.

Jonathan M. Blanchard, Ph.D.
Registration No. 48,927
Attorney for Applicant(s)

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FORM PTO-1449	SERIAL NO. 10/673,083	CASE NO. 10322-62
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE September 26, 2003	GROUP ART UNIT pending
(use several sheets if necessary)		APPLICANT(S): Daniel Therriault et al.

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	6,027,326	02/22/00	Cesarano, III et al.	425/375	10/97
	A2	6,167,910	01/2/01	Chow	137/827	1/99
	A3	6,321,791	11/27/01	Chow	137/833	10/00
	A4	6,379,974	04/30/02	Parce, et al.	436/180	8/99
	A5	6,465,257	10/15/02	Parce et al.	436/180	11/97
	A6	6,471,761	10/29/02	Fan et al.	106/287.16	4/01
	A7	6,596,545	07/22/03	Wagner et al.	436/518	7/99

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	A8	WO 01/89787 A2	11/29/01	PCT		

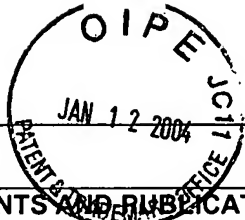
OTHER ART - NON PATENT LITERATURE DOCUMENTS

(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER INITIAL		
	A9	Anderson, J.A., et al., "Fabrication of topologically complex three-dimensional Microfluidic Systems in PDMS by Rapid Prototyping", Anal. Chem. 74, pp. 3158-64, (2000).
	A10	Aref, H., "The Development of Chaotic Advection", Phys. Fluids 14, pp. 1315-25 (2002).
	A11	Bautista, F. et al., "Understanding Thixotropic and Antithixotropic Behavior of Viscoelastic Micellar Solutions and Liquid Crystalline Dispersions. I. The Model." Journal of Non-Newtonian Fluid Mechanics, Vol. 80, pp. 93-113, (1999).
	A12	Burns, M.A., et al., "An Integrated Nanoliter DNA Analysis Device" Science 282, pp. 484-487 (1998).
	A13	Chabinyk, M.L., et al., "An Integrated Fluorescence Detection System in poly(dimethylsiloxane) for Microfluidic Applications", Anal. Chem. 73, pp. 4491-4498, (2001).
	A14	Choi, J.W., et al., "An Active Microfluidic Mixer for Mixing of Microparticles and Liquides", SPIE Proceedings 4177, The International Society for Optical Engineering, pp. 154-161, (2000).
	A15	Chou, H.P., et al., "A Microfabricated Device for Sizing and Sorting DNA Molecules", Proc. Nat. Acad. Sci. 96, pp. 11-13 (1999).
	A16	Fan, H., "Rapid Prototyping of Patterned Functional Nanostructures," Nature, Vol. 405, pp. 56-60 (2000).
	A17	Jeon, N.L., et al., "Generation of Solution and Surface Gradients Using Microfluidic Systems", Langmuir 16, pp. 8311-8316, (2000).

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
	A18	Jones, S.W., "Interaction of Chaotic Advection and Diffusion", Chaos Applied to Fluid Mixing, Aref, H. and El Naschie, M.S., eds., pp. 185-196, (1995).
	A19	Losey, M.W., et al., "Microfabricated Multiphase Packed-bed Reactors: Characterization of Mass Transfer and Reactions", Ind. Eng. Chem. Res. 40, pp. 2555-2562, (2001).
	A20	Mas, R., et al., "Rheology of Colloidal Suspensions: Case of Lubricating Grease," Journal of Rheology, Vol. 38, No. 4, pp. 889-908, (1994).
	A21	Moore, S.K., "Microfluidics For Complex Computation", IEEE Spectrum 38, pp.28-29, (2001).
	A22	Smay, James E., et al., "Colloidal Inks for Directed Assembly of 3-D Periodic Structures", Langmuir 2002, Vol. 18, No. 14, pp. 5429-5437.
	A23	Stromberg, A., et al., "Microfluidic Device for Combinatorial Fusion of Liposomes and Cells", Anal. Chem. 73, pp. 126-130 (2001).
	A24	White, S.R., et al., "Autonomic Healing of Polymer Composites", Nature 409, pp. 794-97, (2001).
	A25	Specialty Inks, Label & Narrow Web, November 2000; pp. 1-14; file:///C:/WINDOWS/Temporary%20Internet%20Files/OLK1134/metallic%20fluorescent%20and%20...9/14/2001.
	A26	LOCTITE® Product Description Sheet Prussian Blue, Maintenance, Repair & Operations, January 1999, (1p).
	A27	LOCTITE CORPORATION Prussian Blue, Material Safety Data Sheet dated January 6, 2002, 5 pages; http://www.loctite.com/datasheets/msds/30520.html , 1/14/02.

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